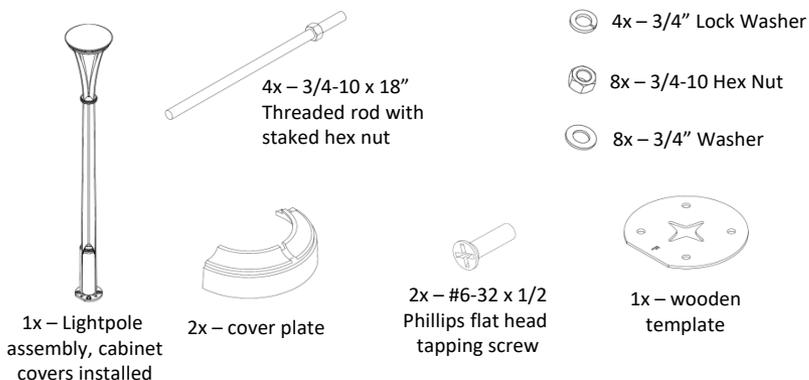


Included hardware



Tools Required

- Safety glasses
- Wrench, 1-1/8" size
- Screwdrivers
- Wiring tools and connectors
- Proper personnel, crane or lift for hoisting unit onto anchors
- Level
- Dimming control, if required

ASSEMBLE WITH CARE! Pangard II® Polyester Powdercoat is a strong, long-lasting finish. To protect this finish during assembly, place unwrapped powdercoated parts on packaging foam or other non-marring surface. Do not place or slide powdercoated parts on concrete or other hard or textured surface – this will damage the finish causing rust to occur. Use touch-up paint on any gouges in the finish caused by assembly tools.

CAUTION! This unit is heavy. To avoid injury or damage to the finish, we recommend using a crane or lift for hoisting the unit onto the anchors.

WARNING! LED cartridge and driver are not rated for connection or disconnection while energized. Doing so may damage LEDs and will void the warranty. Disconnect incoming power before making or breaking any electrical connections.

LIGHTING LAYOUT RECOMMENDATIONS:

Refer to the product data sheet available at www.landscapeforms.com for recommendations for light pole spacing. Calculations per AASHTO 1994 with a wind gust factor of 1.14, assuming base of the pole is at grade level.

Landscape Forms is not responsible for site preparation and footings. The following chart gives necessary information for calculating proper footing size, depending on the specified light pole.

Pole Size	Wind Speed	Base Overturning Moment (ft-lbf)	Base Shear (lbf)
12 ft	90 mph	1650	275
12 ft	140 mph	3985	670
14 ft	90 mph	2195	315
14 ft	140 mph	5315	770
16 ft	90 mph	2850	360
16 ft	133 mph	6225	795

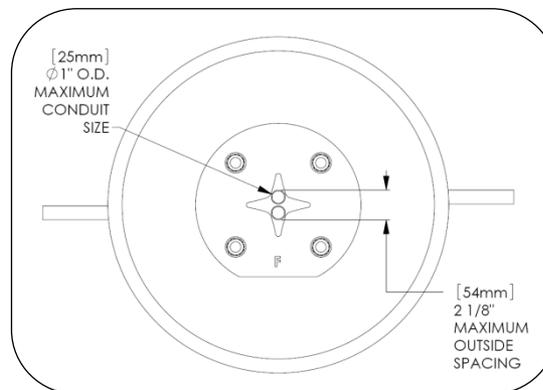


Fig.1 – Maximum conduit size

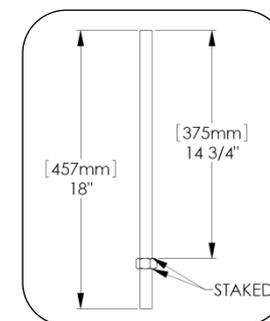


Fig. 2 - Anchor rod detail

INSTALLATION PROCEDURE FOR LIGHT POLE:

1. Prepare footing as required by local codes.
2. Install staked anchor bolts, hex nuts, washers and wooden template as shown in Fig 3. Level template in all directions.
3. After footing has properly cured, remove wooden template. Do not remove lower hex nuts or washers.
4. Remove the cabinet covers. Set aside on non-marring surface and retain hardware.
5. Lift the pole into position over the installed anchor bolts as shown in Fig. 4. Ensure that the base plate is resting on all four washers.
6. Install washer, lock washer and hex nut as shown in Fig. 5.
7. Plumb and level the pole and tighten all anchors.

INSTALLATION PROCEDURE FOR CABINET COVER:

1. Set cabinet cover in position, flush to surface and above the door mount bracket.
2. Slide cabinet cover down so that alignment hook (see Fig. 6a) is inside the door mount bracket on the light pole.
3. Install one screw as noted in Fig. 6.
4. Repeat for remaining three cabinet covers.

INSTALLATION PROCEDURE FOR COVER PLATE:

1. Slide two cover plate halves together around the lightpole, aligning notches in cover plate with the side extrusions of the pole.
2. Install tapping screw as noted in Fig. 7, two places.
3. Cover plate assembly should rest on grade or base plate.

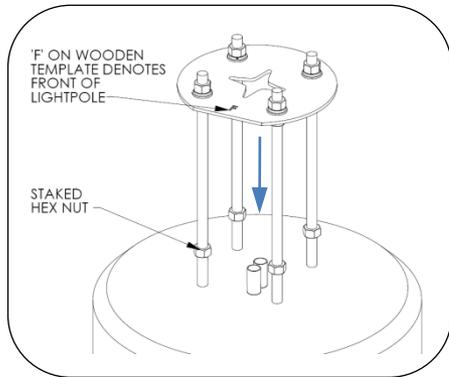


Fig.3 – Install anchors

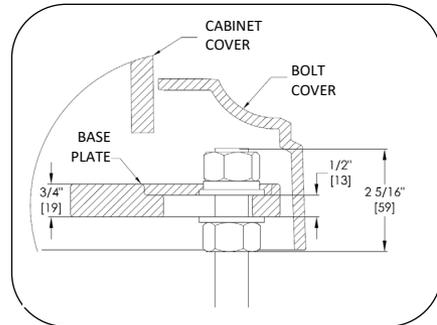


Fig. 4 – Proper installed anchor height

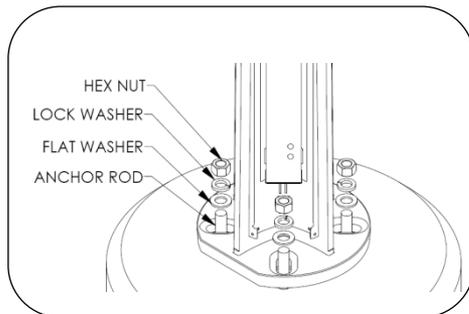


Fig.5 – Install pole and anchors

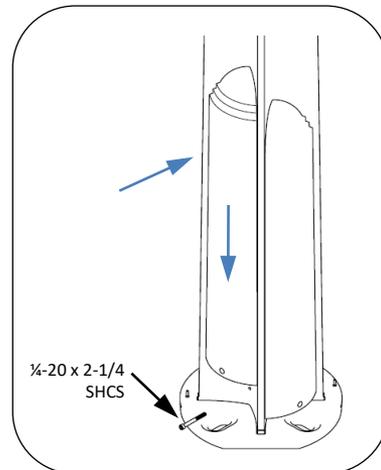


Fig.6 – Install cabinet cover

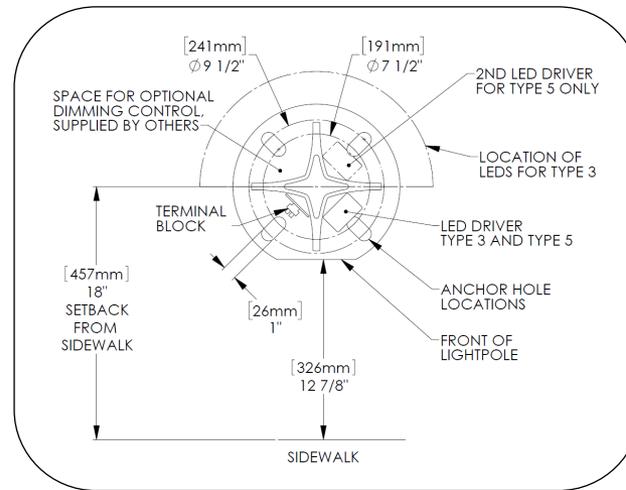


Fig. 8 – Section view of cabinet components

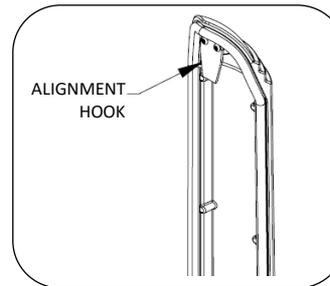


Fig. 6a – Cabinet cover detail

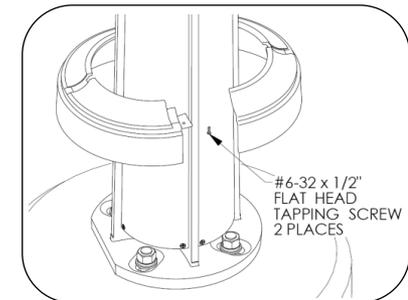


Fig. 7 – Install cover plate

PROCEDURE FOR WIRING ALCOTT:

The Alcott area light is assembled at the factory. The light cartridge is mounted into the head of the pole and will not need to be removed during installation. The LED cartridge is wired to the driver (located in the cabinet at the bottom of the pole) at the factory. Use of LED drivers other than the supplied unit is not recommended.

The following schematics are to be used to connect the unit to line voltage. It is the responsibility of the installer to make sure that all connections are made in accordance with the NEC and local building codes. Connection hardware not included.

Line-in wires should be connected to the terminal block as shown. Dimming control wires are connected to terminal block. Optional dimming control and terminal block connection wires are not included.

WARNING!: LED cartridge and driver are not rated for connection or disconnection while energized. Doing so may damage LEDs and will void the warranty. Disconnect incoming power before making or breaking any electrical connections.

***Use only "CLASS 2"
power supply**

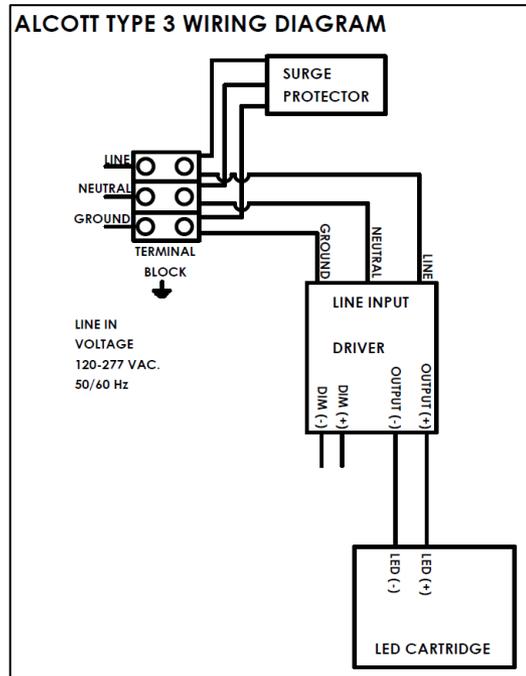


Fig.10– Alcott wiring schematic – Type 3

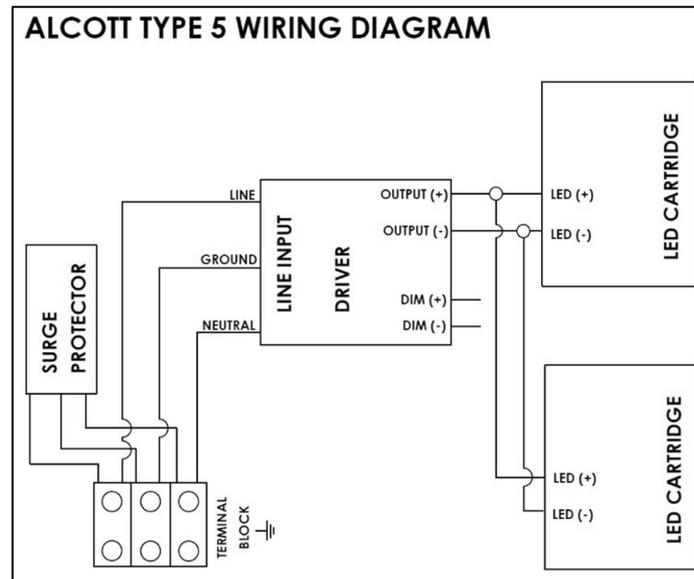


Fig.11– Alcott wiring schematic – Type 5

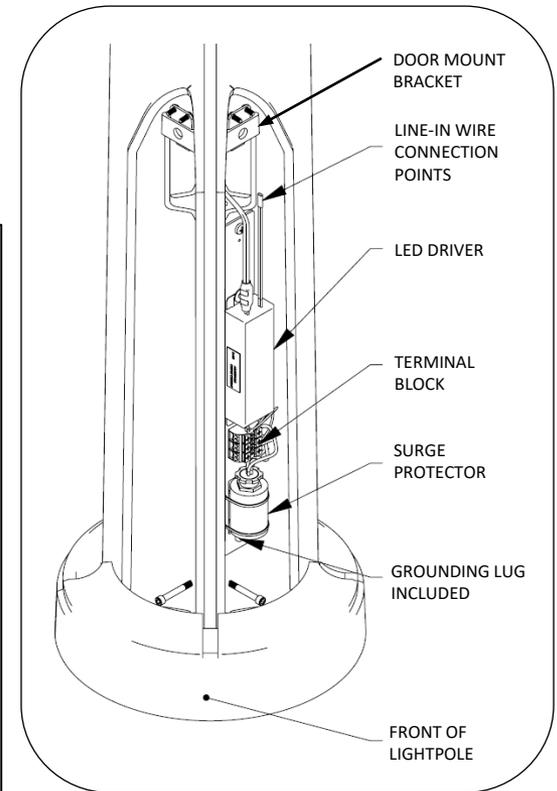


Fig.9 – Access panel removed